

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1204	"independent component analysis"	US- PGPUB; USPAT; USOOCR	OR	ON	2010/09/02 16:29
L2	252	"blind signal separation"	US- PGPUB; USPAT; USOOCR	OR	ON	2010/09/02 16:29
L3	1296	L1 L2	US- PGPUB; USPAT; USOOCR	OR	ON	2010/09/02 16:29
L4	244	600/591.ccls.	US- PGPUB; USPAT; USOOCR	OR	ON	2010/09/02 16:30
L5	153	600/588.ccls.	US- PGPUB; USPAT; USOOCR	OR	ON	2010/09/02 17:00
L6	660	600/546.ccls.	US- PGPUB; USPAT; USOOCR	OR	ON	2010/09/02 17:00
L7	991	L5 L6 L4	US- PGPUB; USPAT; USOOCR	OR	ON	2010/09/02 17:00
L8	10	L7 and (L1 or L2)	US- PGPUB; USPAT; USOOCR	OR	ON	2010/09/02 17:00
L9	631	"blind source separation"	US- PGPUB; USPAT; USOOCR	OR	ON	2010/09/02 17:01
L10	11	L7 and (L1 L2 L9)	US- PGPUB; USPAT; USOOCR	OR	ON	2010/09/02 17:01

S1	8	Thomas-Matthew	US- PGPUB; USPAT	OR	ON	2007/09/28 17:07
S2	1	Thomas-Matthew-James	US- PGPUB; USPAT	OR	ON	2007/09/28 17:08
S3	9	S1 or S2	US- PGPUB; USPAT	OR	ON	2007/09/28 17:08
S4	7	Thomas-Matthew-J	US- PGPUB; USPAT	OR	ON	2007/09/28 17:08
S5	16	S3 or S4	US- PGPUB; USPAT	OR	ON	2007/09/28 17:14
S6	2	US-20020193670-\$ did. or US- 5483970-\$ did.	US- PGPUB; USPAT	OR	ON	2007/09/28 17:24
S7	50	("20050267376" "20050267377" "20060189882" "4577640" "4256118" "5205296" "5217022" "5397344" "5522877" "5546953" "5623939" "5776073" "6115624" "6571127" "6816744" "6823211" "6947792" "7120497" "7221978" "20020193670" "20020193701" "20030055465" "20030055466" "20030055467" "20050154438" "20070185540" "20070191728" "4951680" "5301680" "5483970" "5991649" "6290657" "6356777" "6694192" "6879858" "20020010494" "20030199749" "20060149168" "4873986" "5184619" "5474065" "5666959" "6751498" "5817035" "4114188" RE31158 "4949730" "4966152" "5257627" "5265613" ).pn.	US- PGPUB; USPAT	OR	ON	2007/09/28 17:24

S8	9	US-5483970-\$ DID, OR US-5706402-\$ DID, OR US-6167417-\$ DID, OR US-6185309-\$ DID, OR US-6346887-\$ DID, OR US-6424960-\$ DID, OR US-6524960-\$ DID, OR US-6544170-\$ DID, OR US-6799170-\$ DID.	US- PGPUB; USPAT; USOOCR	OR	ON	2007/10/01 11:12
S9	2	US-5383164-\$ DID, OR US-20020136328-\$ DID.	US- PGPUB; USPAT; USOOCR	OR	ON	2007/10/01 11:25
S10	2	US-6751498-\$ DID, OR US-5776073-\$ DID.	US- PGPUB; USPAT; USOOCR	OR	ON	2007/10/01 11:31
S11	505	600/546.ccls.	US- PGPUB; USPAT; USOOCR	OR	ON	2007/10/01 11:32
S12	125	600/588.ccls.	US- PGPUB; USPAT; USOOCR	OR	ON	2007/10/01 11:53
S13	210	600/591.ccls.	US- PGPUB; USPAT; USOOCR	OR	ON	2007/10/01 11:33
S14	548	"independent component analysis"	US- PGPUB; USPAT; USOOCR	OR	ON	2007/10/01 11:54
S15	6	S14 and (S11 or S12 or S13)	US- PGPUB; USPAT; USOOCR	OR	ON	2007/10/01 11:54
S16	2	(("20050007091") or ("7254500")).PN.	US- PGPUB; USPAT	OR	OFF	2009/01/02 21:59
S17	2	(("20050267376") or ("7333850")).PN.	US- PGPUB; USPAT	OR	OFF	2009/01/02 22:07
S18	10	Thomas-Matthew	US- PGPUB; USPAT	OR	ON	2009/04/12 22:17
S19	1	Thomas-Matthew-James	US- PGPUB; USPAT	OR	ON	2009/04/12 22:17

S20	11	S18 or S19	US- PGPUB; USPAT	OR	ON	2009/04/12 22:17
S21	8	Thomas-Matthew-J	US- PGPUB; USPAT	OR	ON	2009/04/12 22:17
S22	19	S20 or S21	US- PGPUB; USPAT	OR	ON	2009/04/12 22:17
S23	573	600/546.ccls.	US- PGPUB; USPAT; USOOCR	OR	ON	2009/04/12 22:19
S24	143	600/588.ccls.	US- PGPUB; USPAT; USOOCR	OR	ON	2009/04/13 01:07
S25	10	Thomas-Matthew	US- PGPUB; USPAT	OR	ON	2010/04/10 23:13
S26	1	Thomas-Matthew-James	US- PGPUB; USPAT	OR	ON	2010/04/10 23:13
S27	11	S25 or S26	US- PGPUB; USPAT	OR	ON	2010/04/10 23:13
S28	8	Thomas-Matthew-J	US- PGPUB; USPAT	OR	ON	2010/04/10 23:13
S29	19	S27 or S28	US- PGPUB; USPAT	OR	ON	2010/04/10 23:13
S30	630	600/546.ccls.	US- PGPUB; USPAT; USOOCR	OR	ON	2010/04/10 23:13
S31	1192	"independent component analysis"	US- PGPUB; USPAT; USOOCR	OR	ON	2010/08/19 16:07
S32	91	S31 and (uterine uterus fetal fetus pregnant pregnancy)	US- PGPUB; USPAT; USOOCR	OR	ON	2010/08/19 16:08
S33	216	"L3" and (electromyogram electromyograph electromyography EMG)	US- PGPUB; USPAT; USOOCR	OR	ON	2010/08/19 16:10

S34	18	S32 and (electromyogram electromyograph electromyography EMG)	US- PGPUB; USPAT; USOOR	OR	ON	2010/08/19 16:10
S35	61	S32 and (muscle muscular)	US- PGPUB; USPAT; USOOR	OR	ON	2010/08/19 16:11
S36	7505	"principal component analysis"	US- PGPUB; USPAT; USOOR	OR	ON	2010/08/19 16:24
S37	248	"blind signal separation"	US- PGPUB; USPAT; USOOR	OR	ON	2010/08/19 16:24
S38	8221	S31 S36 S37	US- PGPUB; USPAT; USOOR	OR	ON	2010/08/19 16:24
S39	287	S38 and (muscle muscular uterine uterus EMG electromyogram electromyograph electromyography) and (ECG BKG fECG fBKG electrocardiogram electrocardiograph electrocardiography)	US- PGPUB; USPAT; USOOR	OR	ON	2010/08/19 16:26
S40	1	("6396416").PN.	US- PGPUB; USPAT	OR	OFF	2010/08/19 18:01
S41	1	(10/741814).APP.	USPAT; USOOR	OR	ON	2010/08/19 18:21
S42	138	("20020035376"   "20020035377"   "20020035378"   "20020035379"   "20020035380"   "20020035381"   "20020042629"   "20020042630"   "20020042634"   "20020049475"   "20020049476"   "20020052636"   "20020068958"   "20020072773"   "20020082658"   "20020085741"   "20020091414"   "20020095184"	US- PGPUB; USPAT; USOOR	OR	ON	2010/08/19 18:22

"20020103510"	
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"20020107546"	
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"20020120299"	
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"20030204146"	
"20030212436"	
"20040111021"	
"20040260522"	
"20050010120"	"4562841"
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"5133353"	"5170784"
"5179945"	"5203348"
"5209229"	"5230337"
"5261400"	"5284136"
"5292338"	"5300106"
"5301677"	"5313953"
"5314430"	"5314459"
"5318597"	"5331966"
"5334222"	"5360442"
"5366496"	"5372606"
"5376106"	"5388578"
"5391200"	"5397342"
"5411031"	"5411525"
"5411539"	"5439482"
"5441518"	"5468254"
"5531779"	"5540727"
"5545186"	"5545202"
"5603732"	"5620466"
"5634938"	"5641326"
"5662688"	"5697953"
"5704365"	"5724984"
"5827326"	"5836987"
"5855593"	"5895414"
"5916243"	"5957956"
"6026320"	"6044298"

		"6055454"   "6115628"   "6141581"   "6148230"   "6221011"   "6227072"   "6259947"   "6270457"   "6280380").PN. OR ("6280462"   "6285907"   "6312378"   "6336903"   "6358203"   "6368284"   "6371922"   "6398728"   "6409675"   "6411848"   "6415174"   "6424865"   "6438410"   "6440066"   "6459929"   "6480733"   "6487443"   "6491639"   "6496715"   "6505067"   "6512940"   "6522915"   "6542775"   "6564106"   "6597951"   "6607509"   "6615083"   "6622046"   "6701170").PN.				
S43	8354	S38 S42	US- PGPUB; USPAT; USOOR	OR	ON	2010/08/19 18:24
S44	5	S38 and S42	US- PGPUB; USPAT; USOOR	OR	ON	2010/08/19 18:24
S45	1891	"principle component analysis"	US- PGPUB; USPAT; USOOR	OR	ON	2010/08/19 18:53
S46	9332	S31 S36 S37 S45	US- PGPUB; USPAT; USOOR	OR	ON	2010/08/19 18:54
S47	327	S46 and (muscle muscular uterine uterus EMG electromyogram electromyograph electromyography) and (ECG EKG fECG fEKG electrocardiogram electrocardiograph electrocardiography)	US- PGPUB; USPAT; USOOR	OR	ON	2010/08/19 18:54
S48	40	S47 not S39	US- PGPUB; USPAT; USOOR	OR	ON	2010/08/19 18:54

S49	5	S46 and electrohysterogram	US- PGPUB; USPAT; USOCR	OR	ON	2010/08/19 19:13
S50	0	("2006/0189882").URPN.	USPAT	OR	ON	2010/08/19 19:14
S51	9	S46 and EHG	US- PGPUB; USPAT; USOCR	OR	ON	2010/08/19 19:14
S52	10	Thomas-Matthew	US- PGPUB; USPAT	OR	ON	2010/08/19 20:35
S53	1	Thomas-Matthew-James	US- PGPUB; USPAT	OR	ON	2010/08/19 20:35
S54	11	S52 or S53	US- PGPUB; USPAT	OR	ON	2010/08/19 20:35
S55	8	Thomas-Matthew-J	US- PGPUB; USPAT	OR	ON	2010/08/19 20:35
S56	19	S54 or S55	US- PGPUB; USPAT	OR	ON	2010/08/19 20:35
S57	536	QinetiQ-\$:as.	US- PGPUB; USPAT	OR	ON	2010/08/19 20:37
S58	3	S47 and S57	US- PGPUB; USPAT	OR	ON	2010/08/19 20:38
S59	7	"recurrence quantification analysis"	US- PGPUB; USPAT	OR	ON	2010/08/19 21:26
S60	4	S59 and S46	US- PGPUB; USPAT	OR	ON	2010/08/19 21:26
S61	5	("20020136328") or ("6463328") or ("20030166996") or ("20040176697") or ("20040230128").PN.	US- PGPUB; USPAT	OR	OFF	2010/09/02 10:52
S62	10	Thomas-Matthew	US- PGPUB; USPAT	OR	ON	2010/09/02 11:07
S63	1	Thomas-Matthew-James	US- PGPUB; USPAT	OR	ON	2010/09/02 11:07

S64	11	S62 or S63	US-PGPUB; USPAT	OR	ON	2010/09/02 11:07
S65	8	Thomas-Matthew-J	US-PGPUB; USPAT	OR	ON	2010/09/02 11:07
S66	19	S64 or S65	US-PGPUB; USPAT	OR	ON	2010/09/02 11:07
S67	1204	"independent component analysis"	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/02 11:09
S68	7562	"principal component analysis"	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/02 11:09
S69	252	"blind signal separation"	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/02 11:09
S70	8287	S67 S68 S69	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/02 11:09
S71	288	S70 and (muscle muscular uterine uterus EMG electromyogram electromyograph electromyography) and (ECG EKG fECG fEKG electrocardiogram electrocardiograph electrocardiography)	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/02 11:09
S72	153	600/588.ccsl.	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/02 11:12
S73	660	600/546.ccsl.	US-PGPUB; USPAT; USOOR	OR	ON	2010/09/02 12:25

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp

L11	231	600/591.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/02 18:19
L12	147	600/588.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/02 18:19
L13	650	600/546.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/02 18:19
L14	963	L11 L12 L13	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/02 18:19
L15	12	L14 and ("blind signal" "blind source" "independent component")	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/02 18:20
L16	4	L14 and ("blind signal" "blind source" "independent component").clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/02 18:20
L17	998	("blind signal" "blind source" "independent component"). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/02 18:22
L18	18	L17 and (electromyogram electromyography EMG electrohysterogram electrohystography EHG muscle muscular uterus uterine).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/02 18:23
L19	1	"Term Removed"	USPAT; UPAD	OR	ON	2010/09/02 18:33

9/ 2/ 2010 7:16:00 PM

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